

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/001115

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 207 708 A (ERICSSON TELEFON AB L M) 22 May 2002 (2002-05-22) cited in the application	1,4,9, 10,18
Y		2,3,5-8, 11-17
A	column 2, line 3 - column 3, line 53 column 7, line 48 - column 9, line 5 column 12, line 22 - column 14, line 2 figures 1,5,6,8 ----- -/--	19-21



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

27 October 2004

Date of mailing of the international search report

09/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Moreno-Solana, S-F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/001115

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 351 530 A (ERICSSON TELEFON AB L M) 8 October 2003 (2003-10-08) column 2, line 3 - column 5, line 19 column 13, line 35 - column 14, line 47 figures 1,5,6,8 -----	1,4,9, 10,18 2,3,5-8, 11-17, 19-21
X Y A	EP 1 271 852 A (TADLYS LTD) 2 January 2003 (2003-01-02) column 1, line 11 - column 5, line 30 column 6, line 43 - column 8, line 19 column 11, line 34 - column 12, line 26 column 13, line 5 - line 33 figures 1,2,7 -----	1,4,10 2,5-8, 11-17 3,9, 18-21
A	WO 03/079706 A (JANKO OTTO ; MEMAR MOHAMMAD ALI (AT); SIEMENS AG (DE)) 25 September 2003 (2003-09-25) abstract page 1, line 29 - page 5, line 3 page 6, line 3 - page 7, line 1 page 8, line 1 - page 9, line 32 page 11, line 4 - line 15 page 13, line 16 - page 14, line 5 page 15, line 30 - line 37 figures 1-4 -----	1-21
Y A	WO 99/01002 A (NOKIA TELECOMMUNICATIONS OY ; HUTTUNEN KARI (FI); HAATAJA KARI (FI); P) 7 January 1999 (1999-01-07) abstract page 1, line 3 - page 3, line 9 page 4, line 5 - line 25 page 7, line 6 - page 8, line 26 figures 2,4,5 -----	3,12 1,10, 19-21
A	WO 00/07402 A (NOKIA NETWORKS OY ; USKELA SAMI (FI)) 10 February 2000 (2000-02-10) page 3, line 1 - line 23 page 7, line 19 - page 8, line 8 figures 6,7 -----	1,3,10, 12,19-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/005115

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1207708	A	22-05-2002	EP 1207708 A1	22-05-2002
			EP 1351530 A1	08-10-2003
EP 1351530	A	08-10-2003	EP 1207708 A1	22-05-2002
			EP 1351530 A1	08-10-2003
EP 1271852	A	02-01-2003	US 2002197984 A1	26-12-2002
			EP 1271852 A2	02-01-2003
WO 03079706	A	25-09-2003	WO 03079706 A1	25-09-2003
WO 9901002	A	07-01-1999	FI 972561 A	17-12-1998
			AU 7770598 A	19-01-1999
			CN 1265815 T	06-09-2000
			EP 0995329 A2	26-04-2000
			WO 9901002 A2	07-01-1999
WO 0007402	A	10-02-2000	GB 2342008 A	29-03-2000
			AU 4926299 A	21-02-2000
			WO 0007402 A1	10-02-2000